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... Next, the **Dynamic Network Configuration Protocol (DNCP)** is proposed in this dissertation.
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... systems - **Protocol** identification in the **network** layer", ISO ... to ISO 9542 (PDAM 1
- **Dynamic** Discovery of ... 1376 - The PPP DECnet Phase IV Control **Protocol (DNCP)**. ...
Description: The PPP OSI **Network** Layer Control **Protocol** (OSINLCP). D. Katz. November 1992.
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International Development Institute's Networking Acronyms

... Identifier; DLL = **Dynamic** Link Library; " = **Dynamic** Load Libraries; ... = Downstream
Neighbor Address; DNCC = Domain **Network** Control Center; **DNCP** = PPP DECnet ...
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Network Communication Protocol Dictionary, Directory, Reference & ...

... **DNCP**. ... Advanced Peer to Peer **Network**, IBM **network** architecture for **dynamic** routing
across ... the operation of the routing and relaying functions of the **network** layer ...
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Official Internet Protocol Standards

... RMON-MIB, Remote **Network** Monitoring MIB **Protocol** Identifier Reference, ... DHCP, **Dynamic**
Host **Configuration Protocol**, 2131. ... PPP-DNCP, The PPP DECnet Phase IV Control ...
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... PPP DECnet Phase IV Control **Protocol (DNCP)** 1762 draft ... prop * Label Switching (MPLS)
Networks ----- The Classless Static Route Option for **Dynamic** Host 3442 ...
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... DECnet Phase IV Control **Protocol (DNCP)** 1762 draft ... Device Class DHCP (**Dynamic** Host
Configuration ... 3255 prop * Synchronous Optical **Network**/Synchronous Digital ...
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... **DNC**P PPP DECnet Phase IV Control Protocol (PPP ... Network, IBM network architecture for **dynamic** routing across ... and relaying functions of the network layer (ISO). ...

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IPSJ JOURNAL Abstract Vol.41 No.02 - 028

Improvement of Dynamic Network Configuration Protocol and Its Evaluation

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※2 Internet Systems Laboratory, Information & Network Technologies Laboratories, Sony Corp.

※3 Sony Computer Science Laboratories, Inc.

※4 Faculty of Environmental Information, Keio University

This paper improves Dynamic Network Configuration Protocol (DNCP) that manages IP addresses for networks. First, scalability is improved to enable DNCP operation in the wide area network. Networks are categorized into "Core" and "Leaf" parts, and new DNCP works differently in each part. Specially, "Hierarchical Grouping", which forms groups based on the logical relation between servers, is introduced and improves stability of DNCP. Then, the policing mechanism that keeps the rate of used IP addresses within a range is introduced for efficient IP address management. Next, the authentication mechanism is added to exclude requests from invalid hosts. This paper implements improved DNCP and evaluates it. Several experiments to check functions of DNCP were done in a small network, and other experiments to measure performance were done in a large network with simulation. Results show that processing speed was enough while achieving efficient IP address management. Last part of this paper considered application of DNCP to the Internet.

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Chang, Jungwon

From: Dodson, Nicole (ASRC)
Sent: Tuesday, February 03, 2004 11:54 AM
To: Chang, Jungwon
Subject: FW: ILL ORDER STATUS

Please see response below. Thanks!

-----Original Message-----

From: Raffensperger, Linda
Sent: Tuesday, February 03, 2004 11:51 AM
T : Dodson, Nicole (ASRC)
Cc: Hargrave, Sheena
Subject: RE: ILL ORDER STATUS

Nicole,

If this is the article from the *Journal of Japan Society of Software Science*, then yes we received the request and it was ordered. The STAR number is 480483 and Sheena is handling the order. Please let the Examiner know that articles from some foreign titles can take up to 10 days to procure. This one is not available in the U.S. so may take that amount of time.

Thanks,
Linda

-----Original Message-----

From: Dodson, Nicole (ASRC)
Sent: Tuesday, February 03, 2004 8:22 AM
T : STIC-ILL
Cc: Raffensperger, Linda
Subject: ILL ORDER STATUS

Good morning, all--

I need to check the status of an article request that I sent via fax on Friday from Examiner Jungwon Chang. She wants to know how close it is to being filled.

I actually faxed it from 2600, but it is for 2100, which I'm not sure whether I indicated that on the request.

Thanks

Nicole P. Dodson
Library Technician/ EIC 2100
Crystal Park II, Room 4B40
(703) 308-5171
nicole.dodson@uspto.gov